

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A hybrid recording medium comprising:

a read area in which a file is pre-recorded; and

a write area recording and storing an updated version of the pre-recorded file,

wherein the write area further records and stores file management information ~~for managing the pre-recorded file and the updated version of the pre-recorded file,~~

wherein the file management information ~~is~~ comprises:

volume configuration information in a volume of a file system comprising

the file, and

file configuration information in said volume, and

wherein the file configuration information includes a name, a size, a position on the

volume, and access control information of the file.
2. (canceled).
3. (previously presented): A hybrid recording medium as defined in claim 1, wherein

only a file portion is recorded in the read-only area.

4. (previously presented): A hybrid recording medium as defined in claim 1, wherein the hybrid recording medium is an optical disk having at least two record surfaces comprising a read-only surface which is the read-only area and a write surface which is the write area.

5. (previously presented): A hybrid recording medium as defined in claim 4, wherein the optical disk is formed in order of the read-only surface and the write surface from irradiation side of a read beam of an optical pickup.

6. (original): An information record apparatus capable of having access to a hybrid recording medium as defined in claim 1 and conducting information communications with an information server, the information record apparatus comprising:

a server information acquisition section for acquiring file management information recorded in the information server;

a hybrid record information acquisition section for acquiring file management information recorded in the hybrid recording medium;

a file information comparator for comparing the file management information acquired by the server information acquisition section with the file management information acquired by the hybrid record information acquisition section;

a file acquisition section for acquiring a file from the information server based on the compared result of said file information comparator;

a file writing section for writing the file acquired in said file acquisition section into a write area of the hybrid recording medium; and

a file information rewriting section for rewriting file management information residing in the write area of the hybrid recording medium with respect to the file written in said file writing section.

7. (previously presented): An information record apparatus as defined in claim 6, wherein the file management information is volume configuration information in a volume of a file system comprising the file and file configuration information in said volume.

8. - 16. (canceled).

17. (new): The hybrid recording medium according to claim 1, wherein the write area comprises a module configured to manage the pre-recorded file and the updated version of the pre-recorded file.

18. (new): The hybrid recording medium according to claim 1, wherein the write area comprises means for managing the pre-recorded file and the updated version of the pre-recorded file.

19. (new): The hybrid recording medium according to claim 1, wherein the file management information comprises:

management information of the pre-recorded file; and

management information of the updated version of the pre-recorded file.

20. (new): A method of updating data in a hybrid recording medium, comprising:
storing a first set of data with a plurality of sections, in a read-only memory part of the recording medium;

receiving a request to access a section of the first set of data;

comparing said requested section with a corresponding section in a reference set of data,

wherein, when a mismatch occurs, recording the corresponding reference section to a write section and updating management information to access the updated version instead of the requested section in the first set of data.

21. (new): The method according to claim 20, further comprising:

determining current position information;

identifying a corresponding region based on the determined current position information;

and

requesting access to the section of the first set of data, where the section of the first set of data is map data for the identified region,

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wherein the comparing of said requested section with the corresponding section in a reference set of data comprises comparing date of the requested section is compared with a date of the reference set of data, and

wherein, when the dates mismatch, recording the corresponding reference section to a write section and updating management information to access the updated version in the write section instead of the requested section in the first set of data.